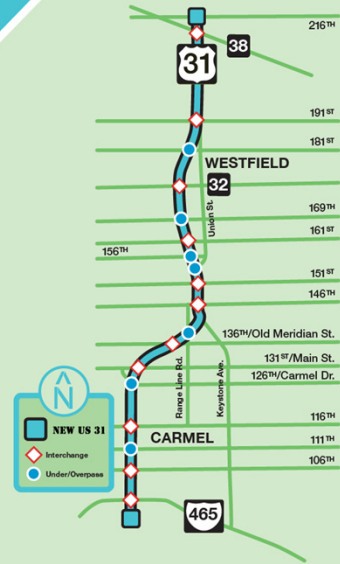


THE NEW US 31 HAMILTON COUNTY

US 31 Update Carmel Chamber of Commerce July 10, 2013



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CITY OF CARMEL



Mike McBride, City Engineer

Mike Hollibaugh, Director of Community Services

Carmel's efforts to mold Meridian

Opportunities and Goals

- Community Cohesiveness
- Effective aesthetic integration of US 31 with one of the most important corporate corridors and job generating areas in the State.
- Maintenance of Traffic During construction
- High Quality Access
- Improved Quality of Life
- Enhanced Traffic Flow

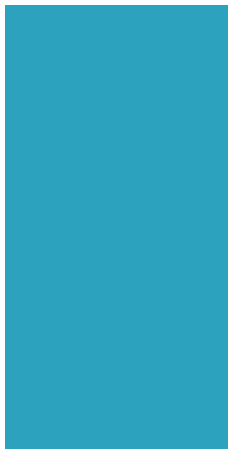
US 31, 1974 and Today:



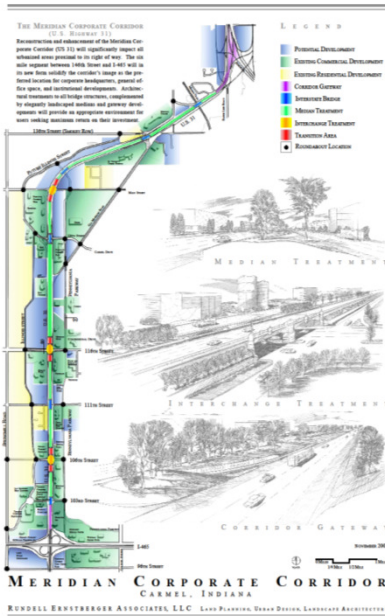
US 31, 1974 and Today



Planning and Zoning Efforts 1980-2001



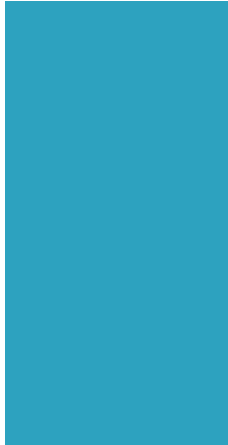
- Established US 31 Overlay Zone (1980)
- Identified the US 31 Freeway Upgrade in the Carmel/Clay Transportation Plan (1991)
- Formulated US 31 Task Force (1996)
- INDOT published the US 31 Major Investment Study, prioritizing freeway upgrade in years ahead.
- Carmel adopted an INDOT Coordination Component of the US 31 Overlay Zone (1996)
- Engaged Consultant for advice and support of Task Force (1997-2001)



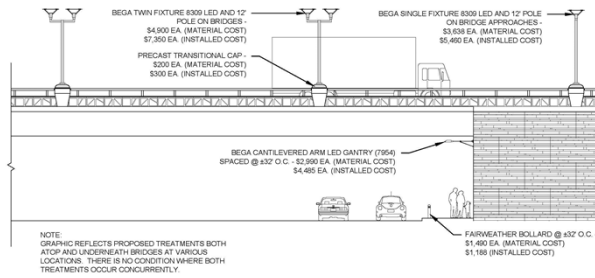
Planning and Zoning Efforts 1980-2001

- Modified the Thoroughfare Plan for local system priorities (1999, 2000)
- Refined Illinois Street Preferred Alignment (2000-2001)
- Protected right-of-way at selected critical locations by restricting new development (on going)
- Issued Standing Task Force meeting invitation to INDOT and the consultant (2000-2001)
- Constructed major segments of Pennsylvania Street (2001)
- US 31 Interim Report presented to INDOT, documenting key issues and concerns of Carmel's 31 Task Force (2001)

INDOT Negotiations for US 31 Upgrades



Aesthetic Improvements



Capital Improvements 2002-2010



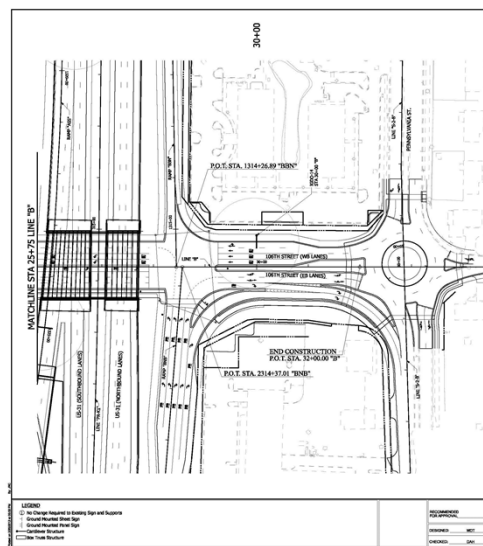
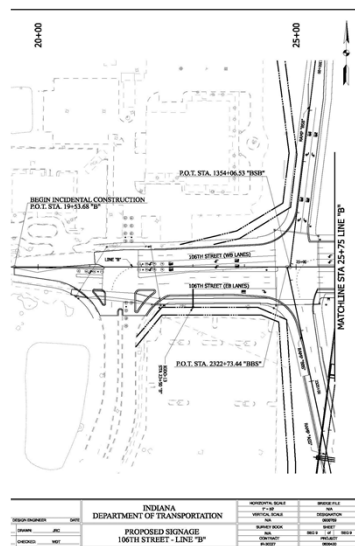
- Keystone/Lowes Way Exit Ramp (2002)
- Clay Terrace Blvd (2003-2004)
- Oak Ridge Rd Improvements (2004-2005)
- Springmill Road Corridor Improvements (2005-2008)
- Illinois Street Construction Phases 1-7 (2006-Present)
- Old Meridian Improvements (2006)
- Keystone Negotiations for Relinquishment (2004-2007)
- Keystone Relinquishment Agreement Signed (October 2007)
- Keystone Parkway Construction (2008-2010)



126th and Keystone

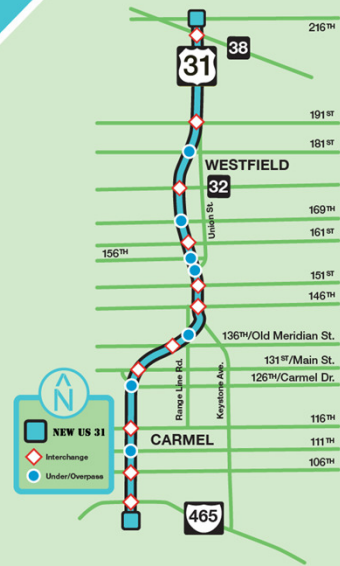


Tight Diamond vs. RAB Interchanges



THE NEW US 31 HAMILTON COUNTY

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Project Overview

- Roadway upgraded to freeway standards to improve congestion and safety
- 13 miles of US 31 from I-465 to SR 38
- Upgrade of US 31 from Indianapolis to South Bend to support efficient movement of commerce & regional travel
- Construction began spring of 2011 and is expected to continue through 2015



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Carmel Interchanges

- I-465 Interchange
 - Extensive change to existing traffic patterns
 - Access closed at 103rd Street and connects to interchange at 106th Street
- 106th Street – Roundabout Interchange
- 116th Street – Roundabout Interchange
- 131st Street – Roundabout Interchange
- 136th Street – Roundabout Interchange



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General Project Timeline

- Construction began spring of 2011 at SR 38 and 146th Street
- Construction is currently underway from 146th Street to just south of 169th Street
- Corridor expected to be substantially complete by December 2015
- Project split into individual contracts; two contracts remain to be awarded
 - Carmel contract is expected to be awarded later this month
 - Construction on US 31 in Carmel will occur from 2014 to 2015



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Remaining 2013 Contracts

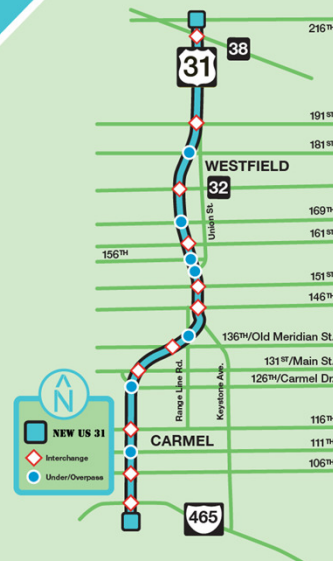
- Carmel area letting (July 2013) will include:
 - Work on US 31 from 96th Street to Range Line Road
 - US 31 road closure from 136th to Old Meridian Street
 - Interchanges at I-465, 106th, 116th, 131st and 136th Streets
 - Overpasses at 111th and 126th Streets
- Westfield area letting (tentatively August 2013) will include:
 - Connection from 169th to 203rd Streets
 - Single Point Urban Interchange at SR 32
 - Roundabout at 191st Street
 - Overpass at 169th Street
 - Underpass at 181st Street
 - Utility relocation and local road improvements in Westfield



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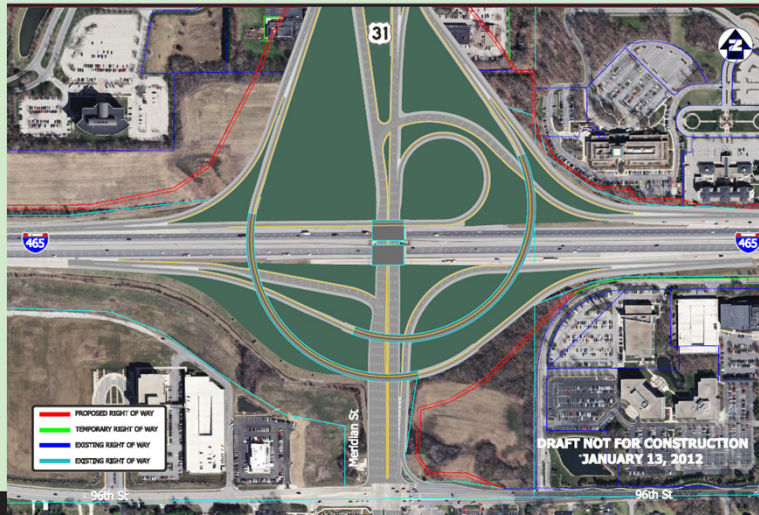
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Carmel Interchanges



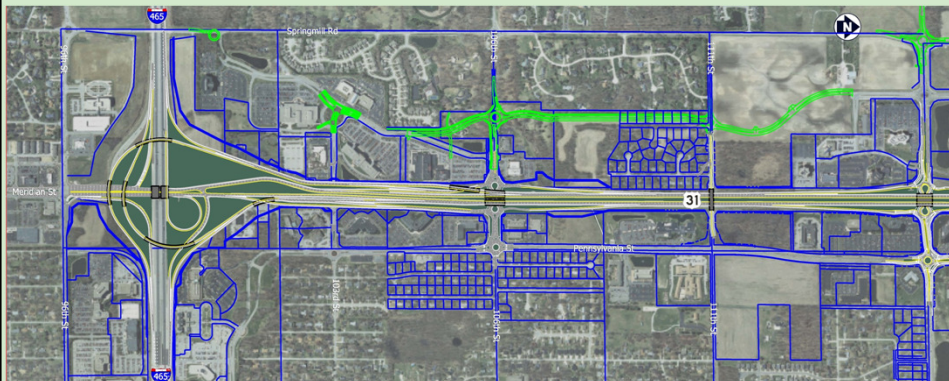
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I-465 Interchange



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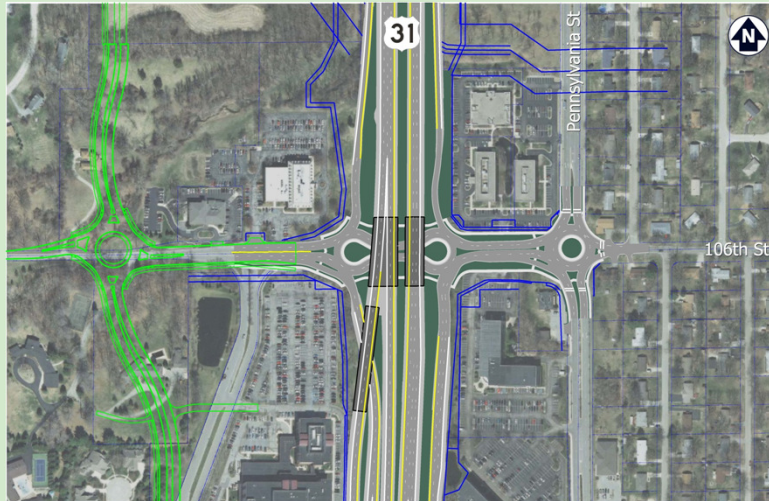
US 31 from I-465 to 116th Street



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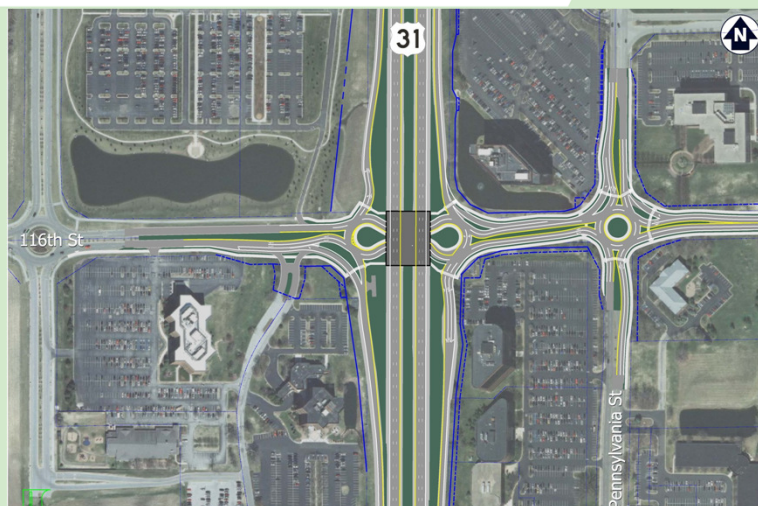
106th Street Final Design



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116th Street Final Design



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[illegible]

136th Street Interchange

136th Street Interchange

Legend:

- PROPOSED RIGHT OF WAY
- TEMPORARY RIGHT OF WAY
- EXISTING RIGHT OF WAY
- EXISTING RIGHT OF WAY

136th St

Illinois Street

US 31

Oak Hill Road

Smoky Row Road

US 31

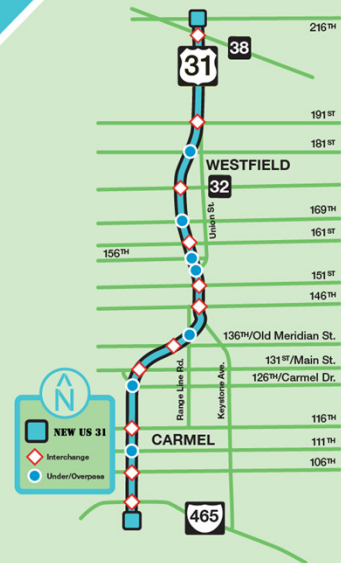
DRAFT NOT FOR CONSTRUCTION
JANUARY 13, 2012

HAMILTON COUNTY INDIANA

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Construction Updates



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Completed Work

- ✓ US 31/SR 38 Interchange complete
- ✓ 146th Street bridge over US 31 complete
- ✓ US 31/Keystone Parkway/146th Street Interchange complete
- ✓ Demolition and clearing contracts ongoing
- ✓ Local roadway adjustments



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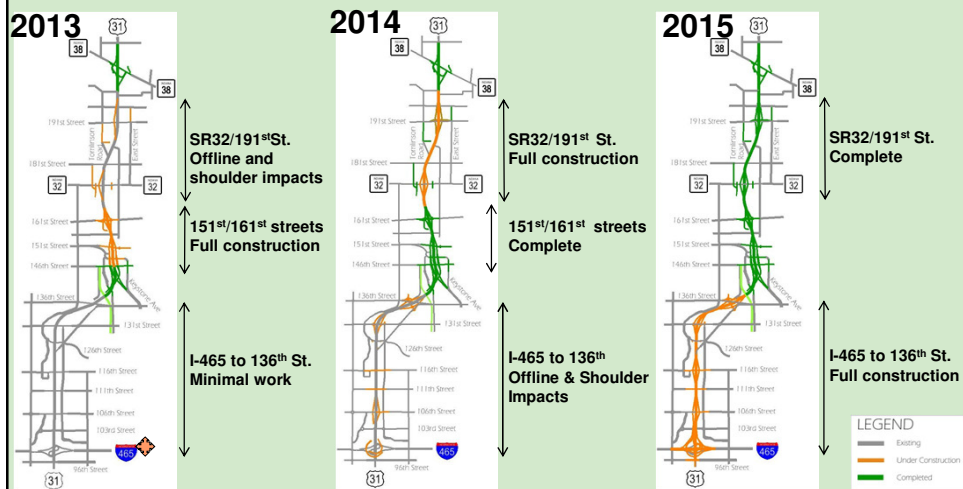
Ongoing Construction



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Proposed Construction Sequencing



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2014 Draft Construction Sequencing



LEGEND
 Existing
 Under Construction
 Completed

**SR32/191st
Full Construction**

**151st/161st
Complete**

**I-465 to 136th
Offline & Shoulder
Impacts**

I-465 to Monon Trail

- Offline interchange work
- Outside shoulder and pavement from 106th Street to Old Meridian Street
- Minimal disruptions to US 31 Mainline
 - Shoulder closures
 - Nighttime lane closures



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2015 Draft Construction Sequencing



LEGEND
 Existing
 Under Construction
 Completed

**SR32/191st
Complete**

**I-465 to 136th
Full Construction**

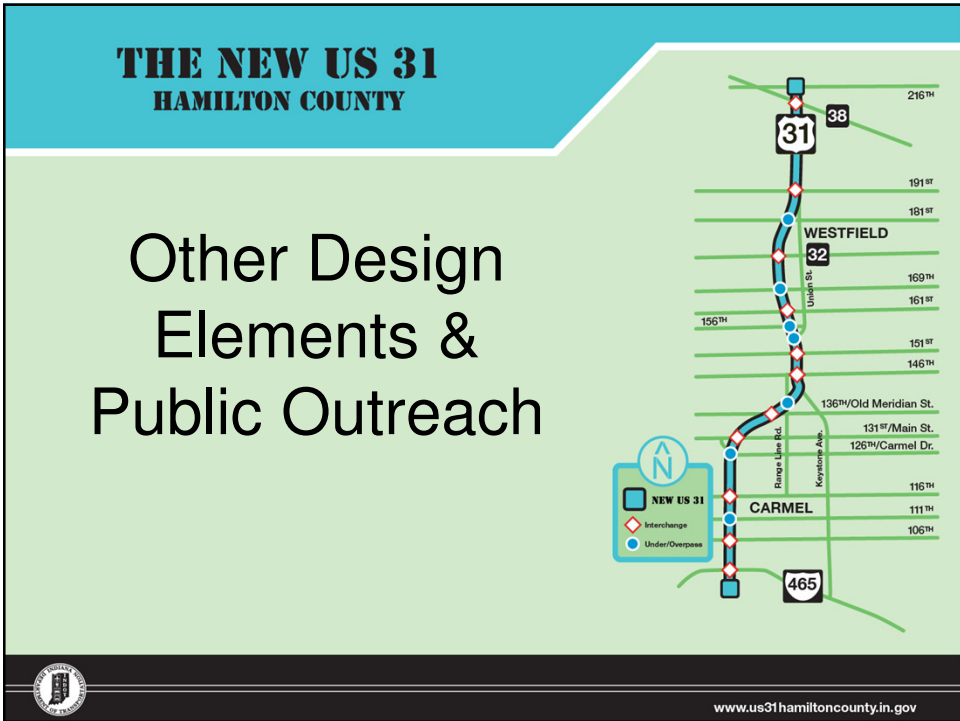
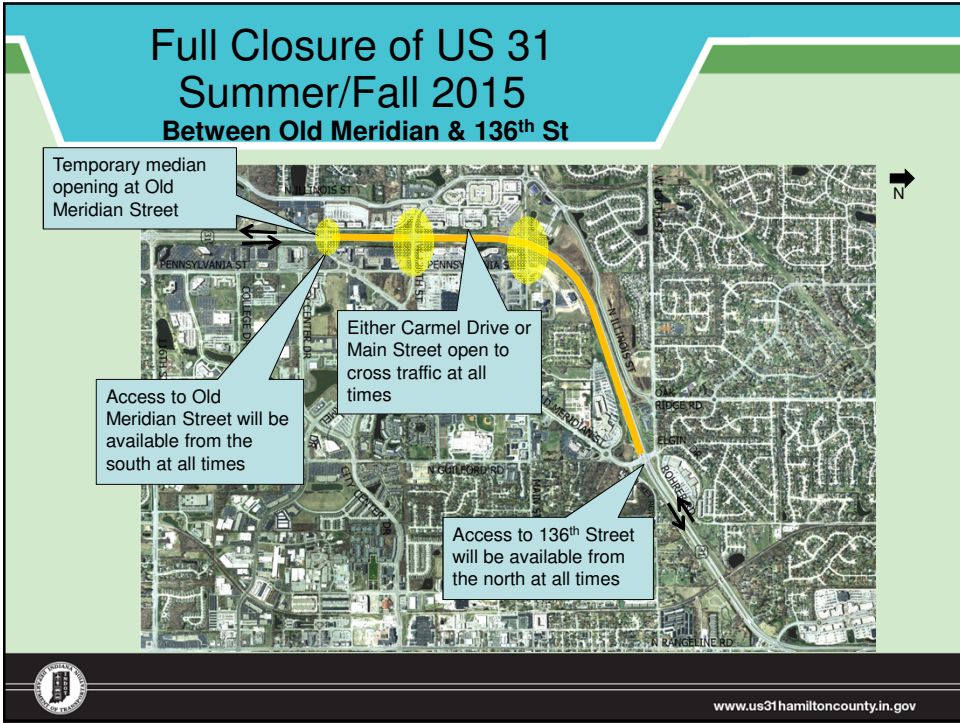
I-465 to Monon Trail

(I-465, 106th, 116th, 131st, & 136th)

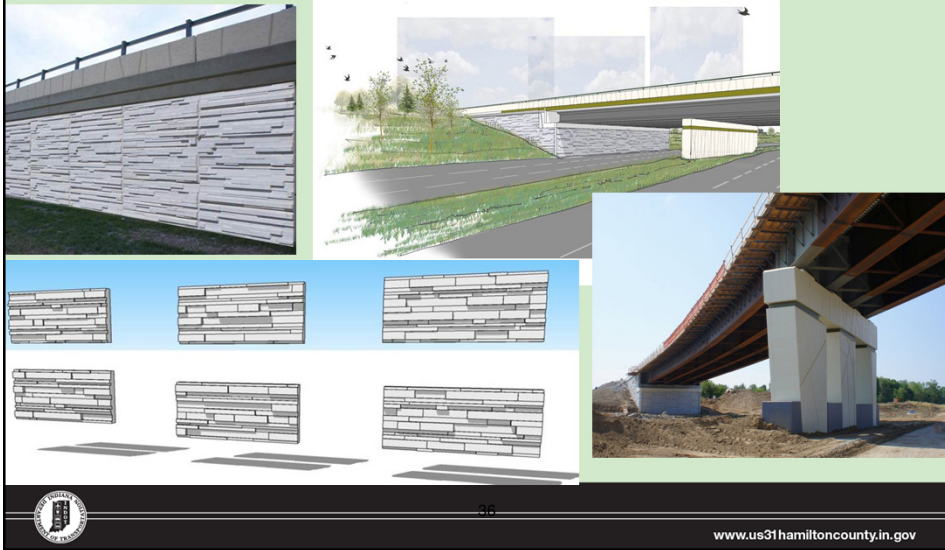
- US 31 constructed under a combination of split phase traffic, crossover traffic & full closure
 - Split Phase Traffic from I-465 to Old Meridian Street
 - Two lanes each direction from I-465 to 116th St – Utilizing exit/entrance ramps at 106th and 116th streets
 - One lane each direction from 116th Street to Old Meridian Street
 - Crossover traffic from 136th Street to Keystone Parkway ramps
 - One lane each direction
 - Full closure of US 31 from Old Meridian Street to 136th Street



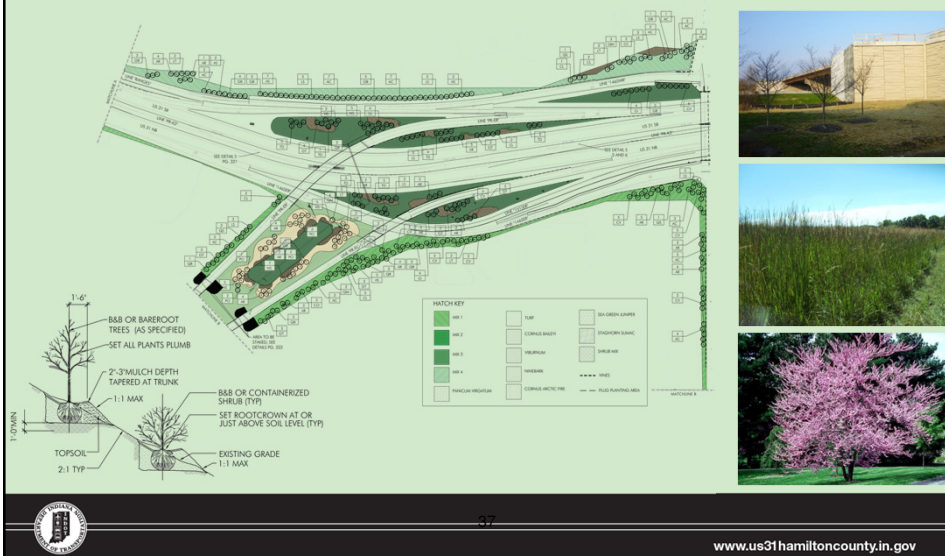
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Context Sensitive Design Elements



Context Sensitive Design Elements – Landscape



Context Sensitive Design Structures and Trails



TRUNCATED PIERS



STANDARD PEDESTRIAN RAILING



SLIP-FORMING RAILING ON FLYOVER



BIKER ALONG COOL CREEK DURING CONSTRUCTION



CUSTOM MSE WALL PANELS



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Ongoing Public Outreach

- Enewsletter and text message updates sent regularly
 - Subscribe to enewsletter via tab on website **or here!**
 - Subscribe to text messaging program by texting **'ROADS'** to **411247** (standard texting rates apply)
- Email and mail updates sent to businesses along the corridor
- Presentations to groups upon request – **Just ask us!**
- Real-time construction information posted to **"Construction/Closure Information"** page on website



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Thank you!
Comments or
Questions?



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